

Attachment I

Early Action Compact Milestone – December 2003 List of Emission Reduction Strategies Under Consideration

Florence County

Based on stakeholder consultation and taking into consideration resource and political constraints, the following control measures under consideration can be reasonably implemented. It is anticipated these measures under consideration will assist Florence County in achieving and/or maintaining the 8-hour ozone standard by 2007 and beyond.

Measure under consideration	Detailed description of measure	Current assessment of emission reductions	Proposed date for implementation	Geographic area and/or local government
Support SCDHEC Statewide efforts to reduce ground-level ozone in Florence County.	Develop steering committee to support and participate in developing action items and emission reduction efforts in order to satisfy requirements of Early Action Compact.	Committee members defined.	On-going	
Designate an Ozone Action Coordinator	Designate a representative who will be responsible for coordination of county ozone programs.		Complete	
Work with Owners/ Operators of major vehicle fleets to reduce NOx and VOC emissions.	Identify owners/operators of major fleet vehicle pools in Florence Co. Catalog the number and type of fleet vehicles and fuel used (15 or more units).	70 fleet owners identified within Florence Co.	4th QTR, 2003	Florence Co.
	Encourage the adoption of “no-idling” policies by owners/operators where feasible. Encourage fleet maintenance to ensure that vehicular emissions remain within manufacturer’s standards.	Evaluate policies from different areas.	1 st QTR, 2004	
	Encourage the replacement of older vehicles with vehicles that are more fuel-efficient and with lower emissions.		1 st QTR, 2004	
	Encourage fleet operators to constantly review routing and scheduling to maximize efficiency and reduce fuel consumption.		On-going	
	Encourage fleet operators to install vapor recovery equipment at their central fueling stations.		4 th QTR, 2004	
	Evaluate alternatives for fueling vehicles after 6:00 PM.		3 rd QTR, 2004	
	Evaluate fueling station for Gas/Methanol mixture.		4 th QTR, 2004	

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Reduce emissions from open burning.	Evaluate changes to county and municipal ordinances to minimize emissions from outdoor burning. Coordinate with state agencies to ensure state requirements are satisfied.	Ban on Open Burning in the City of Florence.	2nd QTR, 2004	
	Evaluate pallet recycling alternatives in the county.		3rd QTR, 2004	
Work with electric and natural gas utilities to perform energy audits on all public facilities.	Determine current energy consumption patterns in public and institutional facilities and establish baseline data. Perform energy audits.		2nd QTR, 2004	
	Encourage governments in Florence County to educate their employees on day-to-day energy conservation measures.		1 st QTR, 2004	
	Set energy reduction goals and monitor progress toward satisfying targets.		3 rd QTR, 2004/ongoing	
Encourage golf courses utilizing gasoline powered carts and maintenance equipment to switch to electric or newer, more efficient gasoline powered carts and equipment.	Generate inventory of gasoline powered carts and equipment. Monitor and report replacement of existing carts and equipment with electric carts or newer, more fuel efficient and lower emission gasoline powered carts and equipment.		3 rd QTR, 2004	

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Evaluate potential for “Park and Ride” Program.	Coordinate with SC DOT and Pee Dee Regional Transportation Authority officials to evaluate options for “Park and Ride” and other mass transit opportunities. Evaluate available grants.		4 th QTR, 2004	
Encourage car pooling to work in Florence County.	Encourage major employers in the county to implement car pooling. Evaluate “preferred parking” and other incentive programs.		4 th QTR, 2004	
Evaluate the potential for city and county to re-schedule heavy equipment operations on forecasted high ozone days.	Investigate impact of re-scheduling mowing, construction and other heavy equipment operations on forecasted high ozone alert days.		2 nd QTR, 2004	
Investigate the availability of “green power” and encourage local businesses and governments to adopt.	Evaluate availability of “green power” in Florence County. Work with local utilities to evaluate alternatives.		2nd QTR, 2004	
	Document consumption of “green power” in order to quantify emission reductions.		3 rd QTR, 2004	

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Reduce emissions from over-the-road vehicles that idle for extended periods at truck stops and rest areas.	Work with truck stop owners and SCDOT to investigate the feasibility of installing electrical hookups for over the road vehicles at truck stops and rest areas.	Grant money available to assist in program implementation.	3 rd QTR, 2004	
Gasoline can trade-out program.	Conduct annual "Trade-it-In for Cleaner Air" day where citizens can trade-in-their old gasoline cans for the newer, "spill proof" variety. Work with landscaping and lawn maintenance firms in the county to encourage utilization of the larger "spill proof" fuel containers.	Coordinate with City and County annual recycling program.	4th QTR, 2004	
Utilize Public access and commercial television stations as forums for disseminating information about the impacts of ground-level ozone.	Develop and disseminate a 30-second or 60-second "public service" spot for airing on local and regional television.		2nd QTR, 2004	
	Place "rolling messages" on the government access channel.		2nd QTR, 2004	
	Develop and air documentary explaining concerns from ground-level ozone and suggested actions and modifications to help reduction level.		2nd QTR, 2004	
	Work with local media (radio, television and newspaper) to post daily ozone forecasts as part of local weather reports.		2nd QTR, 2004	

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Make presentations to local civic clubs, businesses, and government councils and agencies regarding impacts of ground-level ozone.	Develop power point slide presentation which outlines issues surrounding ground-level ozone and Early Action Plan and make presentations to various groups.	Complete	On-going	
	Schedule presentations with the various groups identified within the City and County.		1st QTR, 2004	
Work with SCDHEC to obtain brochures and other educational materials for education to the community.	Distribute brochures and other educational materials to the various groups.	Complete.	1st QTR, 2004	
Generate on-going coverage by local/regional newspapers, magazines, association letters, etc. regarding ground-level ozone issues.	Develop narrative about the issues surrounding ozone problem for distribution to local newspapers.		1st QTR, 2004	
	Develop narrative about the issues surrounding ozone problem for distribution to business in company newsletters.		1st QTR, 2004	

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Work with Florence County School Districts to educate teachers and students regarding ground-level ozone issues.	Distribute brochures and give presentations to students/teachers as part of educational process to inform students of issues surrounding ground-level ozone.		2nd QTR, 2004	